

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [6] of the application located on pages 37-38 with the following paragraph:

-- In another embodiment, the present invention provides novel compounds of formula (I), wherein:

X is $\text{CHR}^{16}\text{NR}^{17}$;

R^4 , at each occurrence, is selected from C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, $(\text{CR}'\text{R}')_r\text{C}_{3-6}$ cycloalkyl, Cl, Br, I, F, NO_2 , CN, $(\text{CR}'\text{R}')_r\text{NR}^{4a}\text{R}^{4a}$, $(\text{CR}'\text{R}')_r\text{OH}$, $(\text{CR}'\text{R}')_r\text{OR}^{4d}$, $(\text{CR}'\text{R}')_r\text{SH}$, $(\text{CR}'\text{R}')_r\text{SR}^{4d}$, $(\text{CR}'\text{R}')_r\text{C}(\text{O})\text{OH}$, $(\text{CR}'\text{R}')_r\text{C}(\text{O})\text{R}^{4b}$, $(\text{CR}'\text{R}')_r\text{C}(\text{O})\text{NR}^{4a}\text{R}^{4a}$, $(\text{CR}'\text{R}')_r\text{NR}^{4f}\text{C}(\text{O})\text{R}^{4b}$, $(\text{CR}'\text{R}')_r\text{C}(\text{O})\text{OR}^{4d}$, $(\text{CR}'\text{R}')_r\text{OC}(\text{O})\text{R}^{4b}$, $(\text{CR}'\text{R}')_r\text{NR}^{4f}\text{C}(\text{O})\text{OR}^{4d}$, $(\text{CR}'\text{R}')_r\text{OC}(\text{O})\text{NR}^{4a}\text{R}^{4a}$, $(\text{CR}'\text{R}')_r\text{NR}^{4a}\text{C}(\text{O})\text{NR}^{4a}\text{R}^{4a}$, $(\text{CR}'\text{R}')_r\text{S}(\text{O})\text{R}^{4b}$, $(\text{CR}'\text{R}')_r\text{S}(\text{O})_2\text{NR}^{4a}\text{R}^{4a}$, $(\text{CR}'\text{R}')_r\text{NR}^{4f}\text{S}(\text{O})_2\text{R}^{4b}$, $(\text{CR}'\text{R}')_r\text{NR}^{4f}\text{S}(\text{O})_2\text{NR}^{4a}\text{R}^{4a}$, C_{1-6} haloalkyl, and $(\text{CR}'\text{R}')_r$ phenyl substituted with 0-3 R^{4e} ;

alternatively, two R^4 on adjacent atoms join to form $-\text{O}-(\text{CH}_2)-\text{O}-$;

R^{4a} , at each occurrence, is independently selected from H, methyl, ethyl, propyl, i-propyl, butyl, s-butyl, i-butyl, t-butyl, pentyl, hexyl, allyl, propargyl, and a $(\text{CH}_2)_r\text{C}_{3-6}$ carbocyclic residue selected from cyclopropyl, cyclobutyl, cyclopentyl and cyclohexyl;

R^{4b} , at each occurrence, is selected from methyl, ethyl, propyl, i-propyl, butyl, s-butyl, i-butyl, t-butyl, pentyl, hexyl, allyl, propargyl, a $(\text{CH}_2)_r\text{C}_{3-6}$ carbocyclic residue substituted with 0-3 R^{4e} , wherein the carbocyclic residue is selected from cyclopropyl, cyclobutyl, cyclopentyl and cyclohexyl, and a $(\text{CH}_2)_r\text{C}_{5-6}$ membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{4e} , wherein the heterocyclic system is selected from pyridinyl, thiophenyl, furanyl, indazolyl, benzothiazolyl, benzimidazolyl,

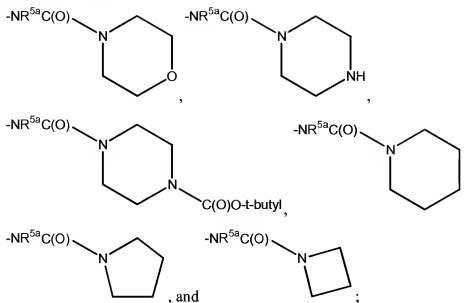
benzothiophenyl, benzofuranyl, benzoxazolyl, benzisoxazolyl, quinolinyl, isoquinolinyl, imidazolyl, indolyl, indolinyl, isoindolyl, isothiadiazolyl, isoxazolyl, piperidinyl, pyrazolyl, 1,2,4-triazolyl, 1,2,3-triazolyl, tetrazolyl, thiadiazolyl, thiazolyl, oxazolyl, pyrazinyl, and pyrimidinyl;

R^{4d}, at each occurrence, is selected from H, methyl, CF₃, ethyl, propyl, i-propyl, butyl, s-butyl, i-butyl, t-butyl, pentyl, hexyl, allyl, propargyl, and a (CH₂)_r-C₃₋₆ carbocyclic residue selected from cyclopropyl, cyclobutyl, cyclopentyl and cyclohexyl;

R^{4e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_r-C₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₂)_r-CF₃, (CH₂)_r-OC₁₋₅ alkyl, OH, SH, (CH₂)_r-SC₁₋₅ alkyl, (CH₂)_r-NR^{4f}R^{4f}, and (CH₂)_r-phenyl;

R^{4f}, at each occurrence, is selected from H, methyl, ethyl, propyl, i-propyl, butyl, and cyclopropyl, cyclobutyl, and phenyl;

R⁵, at each occurrence, is selected from methyl, ethyl, propyl, i-propyl, butyl, i-butyl, s-butyl, t-butyl, pentyl, hexyl, (CR'R')_r-C₃₋₆ cycloalkyl, Cl, Br, I, F, NO₂, CN, (CR'R')_r-NR^{5a}R^{5a}, (CR'R')_r-OH, (CR'R')_r-OR^{5d}, (CR'R')_r-SH, (CR'R')_r-C(O)H, (CR'R')_r-SR^{5d}, (CR'R')_r-C(O)OH, (CR'R')_r-C(O)R^{5b}, (CR'R')_r-C(O)NR^{5a}R^{5a}, (CR'R')_r-NR^{5f}C(O)R^{5b}, (CR'R')_r-C(O)OR^{5d}, (CR'R')_r-OC(O)R^{5b}, (CR'R')_r-NR^{5f}C(O)OR^{5d}, (CR'R')_r-OC(O)NR^{5a}R^{5a}, (CR'R')_r-NR^{5a}C(O)NR^{5a}R^{5a}, (CR'R')_r-NR^{7a}C(O)NR^{7a}R^{7a}, (CR'R')_r-NR^{7a}C(O)O(CR'R')_r-R^{7d}, (CR'R')_r-S(O)_pR^{5b}, (CR'R')_r-S(O)₂NR^{5a}R^{5a}, (CR'R')_r-NR^{5f}S(O)₂R^{5b}, C₁₋₆ haloalkyl, and (CHR')_r-phenyl substituted with 0-3 R^{5e}, a (CRR)_r-5-10 membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, substituted with 0-2 R^{5e},



alternatively, two R^5 on adjacent atoms join to form $-O-(CH_2)-O-$;

R^{5a} , at each occurrence, is independently selected from H, methyl, ethyl, propyl, i-propyl, butyl, s-butyl, i-butyl, t-butyl, pentyl, hexyl, allyl, propargyl, and a $(CH_2)_r-C_{3-10}$ carbocyclic residue substituted with 0-1 R^{5e} , wherein the carbocyclic residue is selected from cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, phenyl and naphthyl;

R^{5b} , at each occurrence, is selected from methyl, ethyl, propyl, i-propyl, butyl, s-butyl, i-butyl, t-butyl, pentyl, hexyl, allyl, propargyl, a $(CH_2)_r-C_{3-6}$ carbocyclic residue selected from cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, and phenyl; and a $(CH_2)_r-5-6$ membered heterocyclic system containing 1-4 heteroatoms selected from N, O, and S, wherein the heterocyclic system is selected from pyridinyl, thiophenyl, furanyl, indazolyl, azetidiny, benzothiazolyl, benzimidazolyl, benzothiophenyl, benzofuranyl, benzoxazolyl, benzisoxazolyl, quinolinyl, isoquinolinyl, imidazolyl, indolyl, indoliny, isoindolyl, isothiadiazolyl, isoxazolyl, morphinyl, piperidinyl, pyrrolyl, 2,5-dihydropyrrolyl, pyrrazolyl, 1,2,4-triazolyl, 1,2,3-triazolyl, tetrazolyl, thiadiazolyl, thiazolyl, oxazolyl, pyrazinyl, and pyrimidinyl;

R^{5d}, at each occurrence, is selected from H, methyl, CF₃, ethyl, propyl, i-propyl, butyl, s-butyl, i-butyl, t-butyl, pentyl, hexyl, allyl, propargyl, and a (CH₂)_r-C₃₋₆ carbocyclic residue selected from cyclopropyl, cyclobutyl, cyclopentyl and cyclohexyl;

R^{5e}, at each occurrence, is selected from C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, (CH₂)_rC₃₋₆ cycloalkyl, Cl, F, Br, I, CN, NO₂, (CF₂)_rCF₃, (CH₂)_rOC₁₋₅ alkyl, OH, SH, (CH₂)_rSC₁₋₅ alkyl, (CH₂)_rNR^{4f}R^{4f}, and (CH₂)_rphenyl; and

R^{5f}, at each occurrence, is selected from H, methyl, ethyl, propyl, i-propyl, butyl, and cyclopropyl, cyclobutyl, and phenyl.--